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### SATURDAY, NOVEMBER 11. 1916.

SIXPENCE.

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THE HEROISM OF THE FRENCH INFANTRY BEFORE VERDUN: MEN OF DOGGED COURAGE AND ENDURANCE.

The victorious offensive by which the French at Verdun swept away the results of eight

a typical example of this stubborn heroism of the French infantry before Verdun-infantry months of laborious German effort was in itself a sudden operation. It must not be forgotten, however, that it was made possible only by the heroic tenacity of the French troops who, throughout that long period of incessant enemy assaults and bombardments, held their ground with the most wonderful courage and endurance. Our drawing shows of loaded rifles.—[Drawing Copyrighted in the United States and Canada.]

### "THE GUARDS HAVE PASSED THIS WAY": ON THE PATH OF THE BRITISH ADVANCE TOWARDS LE TRANSLOY.

### A. FORESTIRE.



After one of the recent advances made by the British troops in the direction of Le Transloy, a village situated between Combles and Bapaume on the Somme front, an officer, making a tour of inspection, went back over the conquered ground, and came upon the grim scene which our artist has here illustrated. Passing along a road, he found two abandoned German 77-mm. guns, together with a number of German dead scattered around. The remains of a single wire defence showed that the enemy had had no time to fortify their position. The guns had been pushed against the bank of the number road, facing south-west, in a rough-and-ready emplacement. This spot had fain in the path of a great attack by the Guards a few days before, and the scene bore witness of an irresistible contaught. The affair was doubtless typical of many such incidents, of which little is heard, their dramatic details being covered by

### GRIM EVIDENCE OF THE IRRESISTIBLE ONSET OF THE BRITISH GUARDS: TWO ABANDONED GERMAN 77-MM. GUNS. AND DEAD GUNNERS. IN A SUNKEN ROAD.

brief generalisations in official reports. Thus, in a recent summary of operations during October, issued from General Headquarters, it was stated: "Behind this spur lies the German fourth position, to get within assembling distance of which it was necessary to carry Le Sars and these two spurs. These were held as intermediate positions by the enemy, every advantage being taken of sunken roads, buildings, and the undulating nature of the country." Le Transky has been an objective of French as well as British attacks. Writing on November 6, Mr. G. H. Petris said; "The joint advance in Picardy extended over a front of about eight miles. . . Despite determined opposition, the French left was brought several hundred yards nearer Le Transley "- [Drawing Copyrighted in the United States and Counts.]



By G. K. CHESTERTON

In an interesting article in the Nation called "On Chivalry in War," I find the following sentences: "In the eighteenth century Swift and Voltaire were singular in thinking that war is fundamentally criminal. To-day we all think so." In that case, it would be truer to say that to-day we all flatly refuse to think. War, like weather, cannot in itself be either criminal or saintly; and war as an action undertaken by certain persons may be either one or the other. Only in a state of fallen intelligence akin to fetish-worship could people ever have dropped into the habit of talking about the wickedness of war. It is, indeed, precisely like the action alleged of the savage, who tries a tomahawk for murder and burns it to teach it better manners. One can never praise or blame a quarrel, as if it were one thing—simply because it takes two to make a quarrel. A war is in its nature a thing with two wills, as a bird is a thing with two legs. We cannot talk of the thing as some-

thing with a good or a bad purpose, for the thing we are talking of would not exist at all if it did not consist of two quite opposite purposes. It is like pointing at a railway collision and asking if it is the right train to Brighton.

In all the long centuries before Voltaire or Swift were born, I imagine the majority of people realised that aggressive war was wrong. And in all the long centuries after the Nation is dead (not that I wish it to die) I imagine the majority of people will continue to realise that defensive war is right. That all war is physically frightful is obvious; but if that were a moral verdict there would be no difference between a torturer and a surgeon. All this is but an alphabet of ethics; but it is sometimes necessary to return to it for an instant, for so many clever modern writers arrive at random conc'usions by short cuts of truancy, and seem never to have been to school. Nevertheless,

when all this mere muddle is swept away, there remains a real difference of philosophy about war; and the present war has brought it to a head. It is strictly, perhaps, rather a difference of sentiment than a difference of philosophy; but there is nothing so practical and, in the only useful sense, nothing so businessike as sentiment. I think the two sentiments about war work back to a difference so ultimate that, if I were a German lunatic, I should say it was "beyond good and evil"; and even as it is, I think it is often beyond pleasure and pain. It is concerned with pride and humiliation—that is, with pride in the good sense and humiliation in the bad sense.

It is a notable point for our national cause that very many who honestly believed that no war is necessary admit that this war is necessary. Many Pacifists have been guilty of a noble and chivalrous apostasy. They have turned their coats, and turned forth a khaki lining on the night; but the change in itself is no discredit either to their old uniform or their new one, or to any except the bloodstained uniform of Prussia. But among those who thus regard the war as necessary there are some, I think, who regard

it not only as a necessary evil, but as a necessary ignominy. They feel as if they were going on all fours like beasts; they dislike the mud more than the blood. There is no part of the process whatever of which they can think with pleasure except the end of it. The whole of their particular conception of human dignity is broken, and, as it were, bent double as by a degradation. They are few, for they are the minority of a minority. But they are perfectly patriotic, and even painfully sincere.

In this matter, as in many others, I am on the side of the vulgar majority. But I realise that there is an aristocracy of intellectuals who are quite spontaneous and sincere in the disgust which I describe; and who, while they are too intelligent to be content with merely praising peace, are infuriated by anybody praising war. I remember talking about the matter to one of the two or three most brilliant men of our

result for me is still an impersonal pride. I do not, of course, mean pride about myself: say by all means, if you will, that I should not support the test, but I am proud that others can support it. I do not even mean merely that I am proud of my country, though this is the proudest moment of her history. I am proud of being alive on two legs; I am proud of genus homo in the books of biology; I am proud of my fellow creatures, of whom so many hundreds of thousands have shown themselves able to support the test of war. There are people who talk, even now, of mutual understanding and peace; in practical psychology there is something much nearer to a mutual understanding in war. But the ground of our pride in man is precisely in all that such intellectuals regard as his retrogression and collapse. We are exalted because man's will is still untouched by the oldest instruments of torture; because all the engines of terrorism are brought against him in vain;

because the question by fire and the question by burning iron are questions which he can still answer, or disdain to answer. He has still the wild sanity of the saints and martyrs; he has not too much horror of horrors. Logically, it may not seem impossible to reconcile this view with the fastidious view of the reluctant fighter; but spiritually there is a prodigious difference of proportion. It will be a matter of great import to future generations whether this mountain of dead is mainly a monument or merely an eyesore; and whether this one entry in our chronicles appears as a blazon or a blot.

But the distinction has a practical point also. It is the purpose of the article "On Chivalry in War" to suggest that courtesy and common rules in warfare were part of a sort of pageant of aristocracy; and that democracies must be expected to fight more brutally, for the very reason that they fight more reluctantly.

In experience, this seems totally untenable and untrue. The writer in the Nation will hardly maintain that the Prussians are more chivalrous in war than the French. He certainly will not maintain that the Prussians are more democratic in peace than the French. As a fact, some of the most beautiful instances of modern military courtesy occurred in a war in which both sides were citizens of the same great democracy. They occurred in the American Civil War; several of them redeemed the rather cynical politics of Grant, and give a glamour like that of Galahad to the greatness of Robert Lee. But, in any case, the Nation's doctrine is only tolerable upon some assumption of its own that wars will soon entirely disappear—unless the Nation prefers the supposition that democracies will entirely disappear. Those who, like myself, doubt whether war can ever be impossible unless liberty is impossible, will not easily accept the prospect of battle becoming more bestial every time it is renewed. They will think this view as dangerous as it is false; and count it a curious instance of how all intellectual perceptions, including that of peace, work out in practice to the wickedest of modern tasks—the whitewashing of Prussia.



THE NEW COMMANDER-IN-CHIEF IN IRELAND: LIEUTENANT-GENERAL SIR BRYAN MAHON.

Sir Bryan Mahon has been appointed General Officer Commanding-in-Chief the Forces in Ireland, in succession to Lieut.-General Sir John Maxwell, who has been given the Northern Command. Sir Bryan Mahon is a native of Galway. Early this year he commanded the British forces at Salonika, and in May he was placed in charge of the western frontier of Egypt.—[Photograph by Elliott and Fry.]

time—a man whose attitude on the war has been somewhat misunderstood, for it is not so much opposed to our policy as simply opposed to its popularity. I believe he could tolerate the Army; but he cannot endure the mob. But, in the very act of urging that the war should be waged until Prussia was taught a lesson, he spoke of the war itself as if it were some colossal cosmic jest at the expense of humanity. He really felt about soldiers fighting as most men feel about soldiers running away. He could conceive of some vengeance of Nature falling upon us for having despicably dropped below our part. "If we can't do better than this," he said, with involuntary mysticism, "something will come out of a bush." Then he added, with the full effect of such words when they come instinctively from a free-thinker, "God is not mocked."

This feeling, as a feeling, was in him quite unquestionably unselfish and sincere; but it is exactly this feeling, as a feeling, which I hold to be false, futile, and inhuman. That is the spiritual difference, the deepest spiritual difference of the hour. Pile up all the personal infamies of fighting, and the final



THE NEW HIGH COMMISSIONER OF EGYPT: GENERAL SIR FRANCIS REGINALD WINGATE.

Sir Reginald Wingate, whose appointment as High Commissioner of Egypt, in succession to Sir A. H. McMahon, was recently announced, has since 1899 been Sirdar of the Egyptian Army and Governor-General of the Soudan. He served in the Nile Expedition and in Lord Kitchener's Egyptian campaign, receiving the K.C.M.G. after Omdurman. He joined the Egyptian Army in 1883.—[Photograph by Elliott and Fry.]

### WITH THE ITALIANS ON THE CARSO FRONT: BATTLE-DAY INCIDENTS.

PHOTOGRAPHS BY THE ITALIAN GENERAL HEADQUARTERS' PHOTOGRAPHIC DEPARTMENT.



HOLDING A CAPTURED AUSTRIAN POSITION UNTIL REINFORCEMENTS ARRIVE: READY FOR A COUNTER-ATTACK.



A REGIMENT LYING SHELTERED UNDER COVER, BEHIND RISING GROUND: AWAITING THE ORDER TO GO FORWARD AND ATTACK.

According to the latest advices at the time of writing, the Italians on the Carso front (where the two photographs seen above were taken) continue to gain ground without any set-backs. For the possession of some of the more important positions, the Italians have had to carry on a series of up-hill battles by day and night, encounters which, as often as not, ended in a close-quarter bayonet battle. After winning each position, the victors, while resting to reform ranks and await reinforcements, invariably have to fortify the

position on the side facing the enemy, so as to hold it against counter-attack. The upper illustration shows just such a state of things at one point. The Italians are seen in occupation, while Austrian shells from enemy batteries in front are bursting close to them. The smoke of the shell-bursts will be observed towards the centre of the photograph. In the second illustration an Italian regiment is taking cover in and near a trench at the foot of steeply rising ground, while waiting for the order to move up to the attack.



A PICTURESQUE OCCASION DURING THE ID-EL-KEBIR FESTIVAL AT FEZ: THE PRESENTATION OF GIFTS, INCLUDING HORSES AND CARPETS, TO SULTAN MOULAY YOUSSEF.

In our issue of November 4 we illustrated the recent state entry of Sultan Moulay Youssel into Fez, where his arrival inaugurated a month of fêtes and ceremonies, commencing with the great Moslem religious festival of Id-el-Kebir. On October 15 a great Fair in the Court of Honour at the Sultan's palace was opened under the presidency of the French Resident, General Lyautey. The whole proceedings may be regarded as typical of the state of peaceful prosperity which Morocco enjoys under the protection of France. The occasion here illustrated took place simultaneously with the opening of the Fair. It is known as the ceremony

of the Hedya, and the scene is the beautiful Court of the Maquina in the palace at Fez. Splendid gifts, such as horses, carpets, and so on, were offered to the Sultan, who can be seen on horseback in the centre background of the photograph, with the Green Umbrella, the symbol of Sherifian sovereignty, held above his head. The gifts were presented by deputations of the various tribes of Morocco, in the presence of the Viziers, the Pasha of the city, and other Sherifian notables and Court dignitaries. The guard of native troops had some ado to keep back the great throng of spectators.

### A "RUNNER" WHO MUST NOT RUN: WALKING UNDER SHELL-FIRE.

DRAWN BY A. FORESTIER.



A "runner" at the front is a soldier told off to carry messages from one part of the trenches to another—a necessary task in trench-warfare, where flag-signals are impossible and telephone wires may at any moment be severed by shells. Every regimental officer has one or more runners ready to his call, and the work is much sought after by the more adventurous spirits. It is during an advance that a runner's task is most perilous, for, besides sharing the general risks of the charge, he is almost certainly required to carry messages across open ground under heavy fire. When an enemy trench is captured,

for instance, it is often vitally important to get a message back to the officer directing operations. According to their own code of honour, "runners" are permitted actually to run under rifle-fire, but not under shell-fire, through which it is etiquette to walk! The one seen in our artist's drawing is picking his way over the chaos of No Man's Land, with machine-gun bullets flying all about him throwing up little spirts of dust. "There is, I suppose," writes Mr. W. Beach Thomas, "no one more calmly persistent in doing his job than these English runners."—[Drawing Copyrighted in the United States and Canada.]

### OLD STYLE AND NEW: A BRITISH DIRIGIBLE ON DUTY.

CHARLES PEARS.



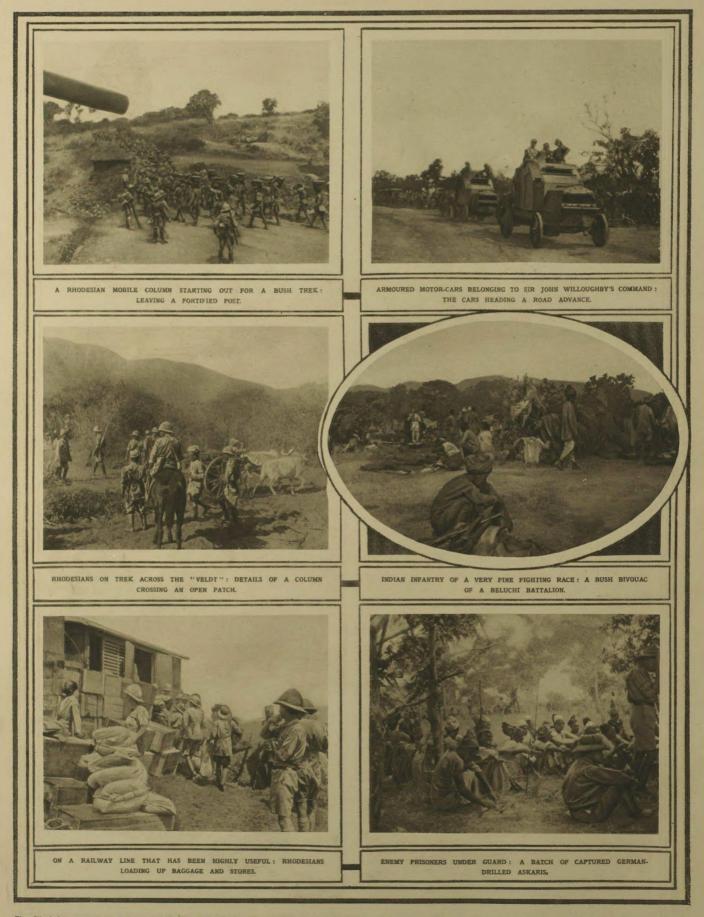


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### STATION: CONVOYING EXTRAORDINARY DURING THE WAR.

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### THE WAR IN EAST AFRICA: NOTES ON TREK AND IN CAMP.

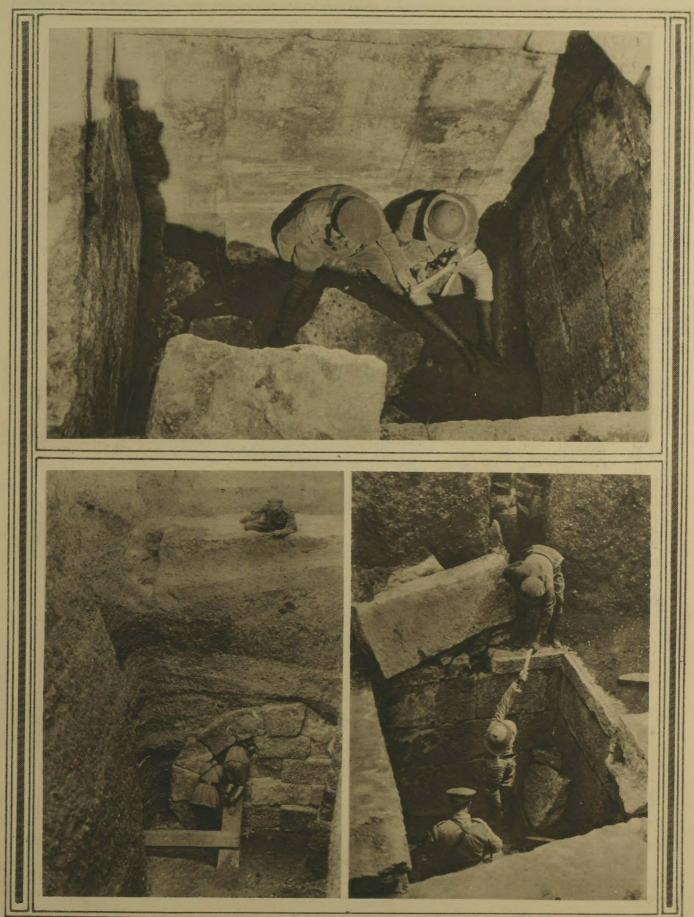


The Rhodesian contingents fighting in German East Africa have, as was anticipated, proved themselves adepts at the kind of warfare which has fallen to their share in the invasion of the enemy's colony. Like Wellington's old Peninsular Army, they have shown themselves "ready to go anywhere and do anything." One of their columns is seen in the first illustration starting from a fortified post to "trek" through the bush. Their native baggage-carriers are following in rear.—The second photograph shows some of the ubiquitous armoured motor-cars which, under Sir John Willoughby, have done stiff bush and fighting work, and have materially helped to keep the enemy on the

run.—The fourth illustration shows some sepoys of a Beluchi battalion of the Indian Army during a bivouac in German East Africa. Our Beluchi battalions are recruited from the hardy and war-like mountaineer class of the Indian western borderland. The sepoys belong to a race noted alike for fearlessness in fight, and for sterling loyalty and devotion to the British raj. In the sixth illustration is seen a batch of German "regular" Askari prisoners under guard. The enemy possessed at the outset of the war several battalions of Askaris, the term for natives recruited in the colony, drilled and uniformed as soldiers, and the original force was largely added to in the later months of 1914.

### ACRHÆOLOGY IN WAR: A 2000-YEAR-OLD TOMB NEAR SALONIKA.

OFFICIAL PHOTOGRAPHS.



2. A FINE EXAMPLE OF ANCIENT TOMB-BUILDING: IN A NEWLY OPENED TUMULUS | 3. FINDING BURIED HISTORY WHILE MAKING NEW HISTORY: EXPLORING AN ANCIENT PROBABLY 2000 YEARS OLD.

In the Balkans the British Army is fighting on storied ground, and a number of interesting antiquarian "finds" have been made in the course of trench-digging. "A well-known English professor of archaeology," wrote Mr. Ward Price recently, "was here already as a lieutenant in the R.N.V.R., and he was put in charge of the collection to the collection bedecked with ornaments of gold and bronze. . . . The bones . . . are in the White Tower, awaiting examination by an anthropologist."

1. SEARCHING AN ANCIENT TOMB OPENED NEAR SALONIKA: BRITISH OFFICERS INTERESTED IN ARCHÆOLOGICAL EXCAVATION-EXAMINING A BONE.

TOMB IN MACEDONIA.

### SCIENCE & NATURAL HISTORY. THE PARTY OF THE P







TITION OF RUDOLF II RULER OF THE HOLY ROMAN EMPIRE : THE EMPEROR CONSULTING HIS ALCHEMIST (IS CENTUR).

### SCIENCE JOTTINGS.

NEW TREATMENTS FOR WOUNDS.

IT is a commonplace that new complaints bring with them new remedies, or that, as the French say, the antidote grows near the bane. Nowhere is this better seen than in the case of hurts like burns the wound with a sterilised paint-brush. Instantly, in ordinary cases, the pain ceases, and, as soon as the wax has set, it is covered with absorbent cotton and another coating of liquid wax. This is left for twenty-four hours, after which it can be peeled off like a glove, and after the first few days the dressing is renewed only every second day. The process has Germans, and also in cases of frost-bite, which, as everyone knows, show most of the symptoms of a severe scalding. This treatment by "ambrine," as the discoverer calls his compound, is described in our contemporary the Lancet of June to last, and again on Oct. 28.

The other novel treatment is applied by Professor Pierre Duval to incised wounds caused by gunshot, shrapnel, or fragments of H.E. shell, and has lately been described by him in several lectures addressed to the French Surgical Society. He first lays bare the whole track of the bullet or fragment of steel, and thoroughly cleanses it with ether. Then he cuts away the whole of the bruised flesh to the depth or one or the whole of the bruised flesh to the depth or one or even two c.m. till healthy flesh is reached—treating the wound, in his own words, exactly as if it were a tumour. He then brings the two healthy surfaces together—securing them, if need be, by stitches—without inserting drainage-tubes or other provisions against the formation of pus; and he finds that, in the vast majority of cases, the wound heals by first intention and without any further treatment being

The reason of this seems to be at bottom the same as that operating in the "ambrine" treatment—namely, the prevention of the access of germs of all kinds, and the avoidance of shock to the system from the inflammation which they set up if they gain admission.

Here, then, we have two new methods of treatment discovered by the brilliant genius and the boldness of experiment which our great Allies the French have always exhibited in matters of science. That they would ever have come to light except under the stress of war may well be doubted, because it is only when scores, or even hundreds, of cases are presented to the same observer in the course of a few days or hours that the phenomena on which they are founded can be carefully studied. Thus out of evil comes good, and the excellence of the method of free inquiry is again vindicated. But that, as Mr. Kipling says, is another story.



THE RED CROSS ON THE BATTLEFIELD: GERMAN PRISONERS COLLECTING THEIR WOUNDED AND PLACING THEM IN RUSSIAN HORSE-DRAWN AMBULANCE-WAGONS.

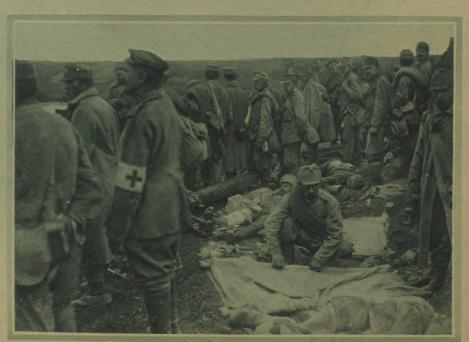
and cuts, which do not occur frequently enough in time of peace for us to look about for any new mode of treating them. The pressure of war conditions has, however, compelled the search for improved methods, two of the most successful of which may be here described.

To take first the question of burns. The old plan was to cover the affected part with cotton-wool or other substance light enough to prevent irritation to the already inflamed surface, to wrap it up so as to exclude the air, and then to leave Nature to do the rest; which she did, if the skin was not broken, by covering the place with a blister, or bag of limpid fluid contained within an envelope of tightly stretched skin. When the injured area was small, the general practitioner often substituted for the wool a dressing of lime and oil generally known as "Carron oil," the name being doubtless taken from the famous foundry, where burns from spiashes of molten metal were at one time frequent. The rationale of the treatment and its deficiencies were in both cases the same. By cutting off the air, the access of harmful germs was prevented; but nothing was done to ease the patient! pain; while frequent re-dressing was necessary, which not only gave the microbes their chance, but generally renewed the patient's suffering. If, in addition to this, the blisters were lanced, which was generally done in consequence of the over-stretching of the skin, the formation of the needful scar was delayed. The weakening effect of the "shock" caused by the pain was generally left to look after itself.

Very differently does Dr. Barthe de Sandfort, the discoverer of the new way of treating burns, proceed.

At the Höpital St. Nicolas at Issy les Moulineaux, he takes a mixture of paraffin and resin heated to a temperature of from 176 to 210 deg. F. (or a little below the boiling-point of water), and paints it over

been found perfectly effective in the treatment of burns caused by the liquid tar or Greek fire of the



THE RED CROSS ON THE FIELD WITH THE RUSSIANS: WOUNDED OF BOTH SIDES LAID TOGETHER DURING AN EARLY MORNING ATTACK.

Photograph by Illustrations Bureau.

### WOMEN MUNITION-MAKERS: WORKERS OF WHOM MORE ARE NEEDED.

DRAWN BY OUR SPECIAL ARTIST, S. BEGG, AT THE BATTERSEA POLYTECHNIC.



WORK FOR WOMEN THAT IS ESSENTIAL TO VICTORY FOR THE ALLIES: TRAINING IN SHELL-MAKING AT BATTERSEA.

As mentioned in an important article elsewhere in this number, quoted also under the double-page of drawings succeeding this one, there is an urgent call for thousands more women to make munitions. The writer gives particulars of the scheme of training for women established by the Ministry of Munitions in various parts of the country.

"Battersea Polytechnic where our actist made his drawings, is one of these training centres where the staff, working voluntarily during the holidays, converted some of the

### WOMAN-POWER VITAL TO GUN-POWER: WORK FOR WHICH WOMEN ARE NEEDED BY THE HUNDRED THOUSAND.

DRAWN BY OUR SPECIAL ARTIST, S. BEGG, AT BATTERSEA POLYTECHNIC.



"THE MINISTRY OF MUNITIONS WANTS MORE WOMEN WORKERS ... POSSIBLY HUNDREDS OF THOUSANDS": WOMEN LEARNING TO MAKE THE SHELLS FOR WINNING BATTLES.

In an article given elsewhere in this number, we call attention to a problem of woman-power in the war which is as urgent as that of man-power. "The Ministry of Munitions," says the writer, "wants more women workers. What is more, it must have them—not just a few here and there in half-dozens or tens, but in hundreds, thousands, possibly hundreds of thousands, in order that the men who are fighting on their behalf on the various fronts may be kept adequately supplied with the munitions of war. . . . A steady flow of recruits is essential, not only to replace "fit" men who may be engaged in munition-work that could quite well be done by women, but to 'man' the new 'shops' and factories as they spring into existence. No greater appeal than this has yet been made to the patriotism of the women workers. . . . It is

addressed to those still countless thousands of educated women in comfortable circumstances who, either through sheer thoughtlessness, or simply because they do not know how to set about it, are still holding back while the country is crying out for their help. . . . It is for just such people that the Ministry of Munitions has established centres in various parts of the country, where students—who must be prepared to enter a munition-factory at the end of the course—can receive a preliminary training. . . . Her training over, she joins the workers in the 'shops' at an initial salary of fit or 25s. a week, the figures being considerably higher when she becomes really proficient. . . . Addresses of schools in London or the provinces can be had from the Ministry of Munitions, Training Dept., 6, Whitehall Gardens."—[Drawings Copyrighted in the United States and Canada.]

### "JERKS": ANTI-U-BOAT MUSKETRY; BOXING: ON A TROOP-SHIP.

PHOTOGRAPHS BY CENTRAL NEWS.



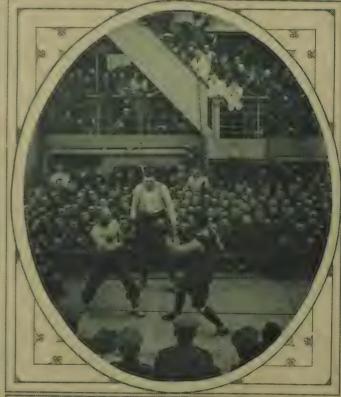
ON THE VOYAGE TO EUROPE FROM AUSTRALIA: A DRILL COMPETITION
THE SPORTING ELEMENT IN WHICH HELPS TO MAKE IT POPULAR.



"PHYSICAL JERKS": MEN OF A ROYAL MARINE ARTILLERY DETACHMENT
GOING THROUGH THE DRILL CALLED BY THE ARMY "PHYSICAL JERKS."



ANTI-SUBMARINE MUSKETRY ON BOARD A TROOP-SHIP! SOLDIERS IN LIFE-SAVING JACKETS PRACTISING TO PEPPER A HOSTILE SUBMARINE'S GUN-CREW.



AS POPULAR WITH SOLDIERS ON BOARD A TROOP-SHIP AS AT THE FRONT: A "DOG-WATCH" BOXING MATCH ON THE WAIST-DECK BEFORE A CROWDED "HOUSE."

In the case of long voyages on board troop-ships, such as that from Australia, during which the men may have to remain on board ship between ports for upwards of a month, special provision is made to keep all physically fit and in training. In the first illustration is seen a form of muscular exercise adopted on board Australian troop-ships. The men's interest in such exercises is enhanced by the sporting element of competition which is imported into them. The second illustration shows another troop-ship exercise, generally known in the Army as "Physical Jerks." Men of a detachment of the Royal Marine Artillery on board a transport—fighters who, for sturdiness of physique and build,

brawn and muscle, may claim to be among the pick of the King's forces—are shown going through the exercise.—The third illustration shows a drill which the exigencies of the war have made part of everyday routine in troop-ships. It is regularly practised, just like the ordinary boat-stations drill, in case of accident, or necessity arising for abandoning ship. The men are wearing cork-float life-saving jackets.—As at the front, boxing matches are in great vogue on board troop-ships. They always draw crowded "houses" the tiers of decks round the waist being packed with spectators, as seen in the fourth illustration. The matches usually come off after the day's duty.

### "SIR SAM": CANADA'S MINISTER OF MILITIA, RECENTLY PROMOTED.

FROM THE PAINTING BY R. CATON WOODVILLE, F.R.G.S., BY PERMISSION OF MESSRS, HENRY GRAVES AND CO., LTD. COPYRIGHTED IN THE UNITED STATES AND CANADA.



Sir Sam Hughes, Canada's popular and vigorous Minister of Militia, was recently gazetted as Hon. Lieut-General, his previous rank having been that of Major-General. He has since been honoured in another way in the Dominion. A message from Ottawa of November 4 stated that Lieut-Colonel Guthrie, who distinguished himself in Flanders, is raising a battalion to be known as "Sir Sam's Own." The men will wear the Maclean tartan, and descendants of that clan in Western Ontario are enlisting enthusiastically in the new battalion. Of General Hughes's part in organising the Canadian Army at the outbreak of war, Sir Max Aitken writes in his book, "Canada in Flanders":

"General Hughes devised and ordered the establishment of the largest camp (Valcartier) that had ever been seen on Canadian soil.... At that supreme moment in our country's history, when Canada was at the cross-roads of her destiny, she was indeed happy in the possession of the man who gathered in and marshalled, with a speed and noble energy seldom, if ever, equalled, the hosts of willing but untrained civilians." Sir Sam Hughes has since, of course, been in this ccuntry, and has also been at the front. The original of the above portrait was recently placed on exhibition at Messrs. Graves' Galleries at 6, Pall Mall.

### NEW NOVELS.

"Rose Cottingham Married" (Fisher Unwin) Miss Netta Syrett, continuing her review of the Victorians and adding its sequel, carries her heroine through the 'mineties to the present day. It is a clever book and reminds us of many things that we had almost forgotten. Once upon a time there was a crare for Ambrey Heartsley, and people chattered martly in drawing regions and toping many way." "Jecadent." there was a craze for Anbrey Heardsley, and people chattered smartly in drawing rooms, and young men wen "decadent," and young women smoked disarettes with a conscious swagger and talked at the tops of their voices. Once upon a time too, running parallel in "Rose Cottingham Married" with the Beardsley craze, Socialism was to be the panacea for all ills; and a new world, without international strife, without social inequalities, was waiting for the magician's touch to unfold it. In the middle of these things, Rose Cottingham work; out the problem of her life. She is a novelist and an artist to her finger-tips, and she elects to marry a Labour leader who forthwith consigns her to the housework of a villa m-perhaps Battersea; and the pair of them nearly wreck their mutual life, but are saved by was good stuff in those noisy young women of five-and-twenty years ago. Are they not the mothers of the young men and women of 1910:

"The General's Wife."

There is a clear view in "The General's Wife."

Wife." (Stanley Paul) of the nature of a silly young woman; and Miss Hamilton is to be congratulated on her delineation of the type. "That the woman was light is very true"; but, even so, Rose Bruce, the General's wife, was only light because she was light-minded, not because she had any particular bent towards running away from a good husband with a foolish young man. She was sentimental and calculating at once; and the combination does exist, although the novelists, flying at higher game, seldom trouble to give us a sound analysis of the little ways of the little harebrained people. Speaking of little people, in another sense, Peterkin and Freddy are delightful. The fortunes of the two small boys, indeed, seemed to us of a breathless interest while we were reading about them. What Rose did or did not do was not paramount, because the shallow creature was who she was, and the General, having made his bed, could only expect to be left to lie on it. But we did greatly want to know how.

be left to lie on it. But we did greatly want to know how Peterkin and Freddy were going to come out of the tangle, and we forgave Rose her worst vanities for being easy and indulgent with them. "The General's Wife" is an Anglo-Indian novel, and it is a good little story of the common fool.

"Mike." The tragedy at the end of "Mike" (Cassell) is fore-shadowed the moment that Michael Comber, ex-Guards-man, meets Hermann Falbe. The war is already casting its shadow betore: there are pre-scient people who foresee the coming aggression of Germany, coming aggression of Germany, and foolish people who bury their heads in the sands and say there is nothing to be seen. Which is all very litelike, and very much what happened, in political and other circles, during the period that Mr E. F. Benson has chosen for the story of Michael's love and friendship. Mr. Benson has made a serious effort to character—the young man of musical talent, charming, Anglophile, bewitched by the Divine Right of the Kaiser and his omnipotence. We can We can

see Mr. Benson trying very hard to be detached, to be British, to play the game. . . . He succeeds; but only by dint of dragging in the Kaiser by the horns of his mighty moustache, so to speak, and setting him up in a Baireuth stage-box to ask inquisitive questions of Michael Comber. The rest of the story is the love-interest-that, and a



WE SHALL LIVE AS THOSE WHO BY THEIR SACRIFICE ON THE CREAT WAR": THE LATE 2ND LIEUT. E. L. TOWNSEND, LONDON REGIMENT, KILLED IN ACTION

and Lieut. Eric Townsend, who tell gloriously while leading an attack in the great advance, was the elder son of Mr. W. L. Townsend, of New Basinghall Street. He was an old boy of the City of London School, where he was Prefect and Captain of the Shooting Eight. In June 1915 he obtained a commission in the Civil Service Rifes. London Regiment, and went out to France last May, In a very beautiful farewell letter to his parents, printed recently in the "Daily Mail," he and of those who fall: "But we shall live for ever in the results of our efforts. We shall live as those who by their sacrifice won the Great War,"—(Photograph by Elsutt and Pry.)

vivacious description of the Falbes and their artistic visitors, and a Lensonian account of the pigheaded Lord Ashridge and his household. We are grateful to Lady Barbara and her shrewd nonsense; not so grateful for the actual plot of the book. Attractive as it may seem to the novelist, it is not really a good subject—the relation, in the years 1913 to 1916, of Germans and Englishmen.



WITH A TRANSPORT SECTION OF THE AUSTRALIAN ARMY MEDICAL CORPS:
ON A TROOP-SHIP IN THE DANGER ZONE,

the timely baby. Every chapter is full of telling incidents; and the book is, we think, much the best that Miss Syrett has yet written. She brings out the fact, too, that there

Divine Right of the Kaiser and his omnipotence,



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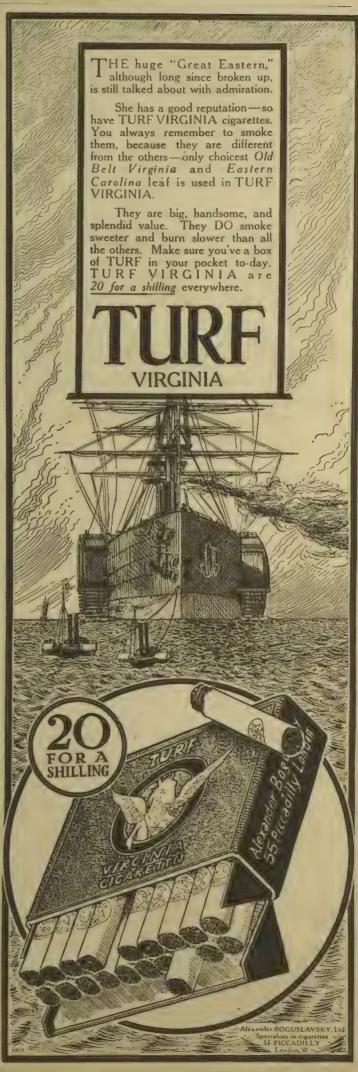
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### WOMEN AND MUNITIONS. A NATIONAL NEED.

THE Ministry of Munitions wants more women workers.

What is more, it must have them—not just a few here and there in half-dozens or tens; but in hundreds, thousands, tens of thousands, possibly hundreds of thousands, in order that the men who are fighting on their behalf on the various fronts may be kept adequately supplied with the munitions of war evolved by science and skill to kill Germans.

It is difficult to believe that only some fifteen months or so have passed since women were demanding admittance as workers to

have passed since women were demanding admittance as workers to arsenals and munition-factories, and claiming that, as patriotic Englishwomen, they had a right to help to provide the means wherewith to destroy the enemy, even if they were not able to take their places beside the men in the firing-line.

When the cry came for "More

their places beside the men in the fring-line.

When the cry came for "More shells!" women flocked in their thousands to assist in establishing our superiority in munitions, which experts declared to be essential if Germany were ever to be brought to her knees.

The superiority was established.

to her knees.

The superiority was established.
Its value has been proved in the
"Big Push" which began in July
and has been going on steadily
ever since, and it must be maintained if Prussian Militarism is to
be crushed once for all.

be crushed once for all.

So more women are wanted. A steady flow of recruits is essential, not only to replace "fit" men who may be engaged in munition-work that might quite well be done by women, but to "man" the new "shops" and factories as they spring into existence.

No greater appeal than this has yet been made to the patriotism of the women workers. Of course,

of the women workers. Of course, there are women already engaged on productive war work. The appeal is not meant for them. Rather it is addressed to those still countless thousands of educated women in confortable circumstances who, either through sheer thoughtlessness, or simply because they do not know how to set about it, are still holding back while the country is crying out for their help.

A stroll up Oxford Street, Regent Street, or any of the great West End shopping centres will prove how large is

the number of women who still have time and inclination to spend an afternoon gazing through shop-windows at things they neither require nor have any intention of buying. "Home" may be woman's proper sphere, as some assert; but for the period of the war, at any rate, the meaning of the word must be extended to include the the meaning of the word must be extended to include the factory in which is made the wherewithal to keep that "home" safe from the foreign invaders.

The factory girls, the girls who habitually earn their own living, have responded splendidly to the call for

educated women to take up work to which they are unaccustomed in circumstances wholly different from any they have known before. But that excuse, if it ever was



AT A PLOUGHING COMPETITION: TWO YOUNG WOMEN WORKING A MOTOR-TRACTOR AND FOUR FURROW PLOUGH. Photograph by C.N.

workers. The middle and upper classes, along with the others, have given their men unsparingly; it is now "up to" them to turn to and make munitions, not just during

week-ends, but even as their men took on military service— for the period of the war.

The truly British dislike of "feeling a fool" may have something to do with the apparent reluctance of some





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been had imagined possible. They certainly did not give he impression of damsels suffering from overwork Centring" and drilling a hole at the base of the shell. Centring" and drilling a hole at the base of the shell, the first operation it undergoes, occupied the attention of me. At another machine the shell was being roughturned to bring it approximately to its final size. Later, I watched a worker finishing the shell, and as the tool sheed off the spiral steel shavings, she tested the thing, first by her warning and then by her ring gauge, until the precise limit of exactitude had been reached; for the margin allowed beyond and within the gauge limits is very small indeed, and to spoil a shell is regarded by the workers themselves as a confession of weakness not to be

the workers themselves as a confession of weakness not to be tolerated for a moment. Boring the tapering hole for the high explosive, and the delicate operation of screwing the thread to the nose, are two amongst other operations that have to be learnt; and by the time all the processes have been mastered the worker has acquired just that practised judgment necessary to the finishing of the perfect shell. The machines at Battersca, it must be remembered, are not automatic, and while at Battersca, it must be remembered, are not automatic, and while there are some branches of munition work that call for more physical strength than others, it is upon her delicacy of touch, accuracy, keen sight, and judgment, rather than upon mere branch muscle, that the Battersea shell-maker depends for her reputation.

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have read their Illustrated London News, and take them, unwrapped and unaddressed, to any post-office, whence they will be sent to the Central Depôt, which will forward them, free, to the troops and sailors. The Postmaster-General has been asked by Sir Edward Ward and the Ilon. Mrs. Anstruther, Chairman and Secretary of the Camps Library, to impress upon the public the need for a continual supply of magazines for sailors and soldiers.

### LITERATURE.

Lafcadio Hearn's Lectures.

Lectures.

usually retouched beforehand by the lecturer, for better or worse. Lafcadio Hearn's discourses, however, come to us just as he spoke them to his students in Tokio, for he never, as far as we know, contemplated publication. But

A MARCH-PAST OF THE CITY OF LONDON VOLUNTEERS: THE LORD MAYOR TAKES THE SALUTE. On Saturday, November 4, the Lord Mayor, Sir Charles Wakefield, opened the new headquarters of the City of London Territorial Association, in Finsbury Square, of which he is President, and reterred to the Territorials having "made glorious history," The Lord Mayor gave a lonehoon at the Mansion House, at which Maior-General Sir Francis Lloyd proposed his health. Our photograph shows the Lord Mayor taking the salute at the markin-past of the 2nd Battalion of the City of London Volunteer Regiment.—[Findegraph by Alfaei.]

the industry of several of his Japanese disciples, building better than they knew when they took their minute and patient notes in the class-room, has provided a memorial of La(cadio Hearn which is as welcome as it was un-premeditated. "Interpretations of Literature" (Heine-

mann) fill two great volumes formidable in appearance, but most delectable in perusal, and from the circumstances of delivery very remarkable and unusual in matter and manner. Hearn, expounding English literature to the Japanese, used no notes, but talked in an easy conversational style out of the fulness of his knowledge and the originality of his mind. He never feared to digress, and his digressions are often his most pregnant and salient passages. While he threw off fine literary criticisms, he at the same time kept literature in view as the guide of life, and, in a sense, lectured, from his text of the day, on moral philosophy. Standing between East and West, he sought to interpret the thought of the West to

his text of the day, on moral philosophy. Standing between East and West, he sought to interpret the thought of the West to his Oriental students, and he did so with ripe discrimination and marvellous sympathy with both worlds. The better to explain Shelley's position, he goes with very intimate detail into the history of the poet's extraordinary domestic life, and sets before the Japanese the puzzle of the Western (and, in particular, the British) attitude towards conjugal irregularity. It is all done with such supreme skill and insight that one can hardly imagine the Japanese failing to grasp the manifold contradictions. Again, Byron provides an apt excursus on the struggle between cosmic and religious law, the strife between material force and virtue. Hearn seems to have regarded Byron as an unconscious precursor of evolutionary doctrine. He illustrates the power of unscrupulous might by an apologue of the contrasted rewards of petty larceny and of wholesale swindling. The Tokio students of English literature came in for much enlightenment of a kind they little expected, and their knowledge of Western manners and customs must have made valuable progress. Yet all was presented in the light of their own thought. The avengers of Hypatia are kinsmen of the Samurai, and Kingsley's muscular Christianity is "no more English than Japanese, but simply the exposition of what religion ought to be for a gentleman of any country or any faith." Helped by such illustrations, young academic Japan possibly came very near an exact understanding of the lecturer's meaning. On the purely literary side of his work Hearn was no less illuminating. His lecturing on prose or verse concerns itself (Emittewed vertex).

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cheeft, with the author's text. He interprets that text lor it intrinsic qualities; the author's biography is made it intrinsic qualities; the author's biography is made it interprets into mere frothy or windy talk. All is firm, clear, and representative of hard, reasoned thought He knew his authors and their exact relative place; he was gifted with the most delicate sympathies and a right critical mind, alive to every form of beauty, but not enervated thereby. He attained, therefore, in the republic of letters, that ideal which Pericles held up to the Athenian citizen; and of that mental attainment, as it was realised by Lafcadio Hearn these posthumous lectures are the precious memorial lihey are, in a sense, most unacademic, yet they are madels which no trainer of academic youth can aniond to neglect. Most pungent and salutary are the obster dieta. Take, for example, this (again spoken of Shelley): "When a young man first discovers, through a higher education, that certain doctrines or dogmas of a religion are unbelievable, he has really discovered a fact of very little importance to anybody but himself." Quite the right word for the audience, East or West.

"The best way to beat an enemy is to

covered a fact of very little importance to anybody but himself." Quite the right word for the audience, East or West.

"La Soci'té de Berlin." The best way to beat an enemy is to know all about him, and even learn his language—as Gambetta once said. Therefore it is that we welcome everything and anything which tends to throw light on the ways, customs, and character of our present antagonists. Many are the books now being written about the Germans and their policy by people who have never been out of England; but first-hand evidence is obtainable from such a writer as Miss Anne Topham, who spent eight years in the Emperor's family at Berlin as governess to his Majesty's only daughter, now the Duchess of Brunswick, and who treats us to her "Memori's of the Eatherland" (Methuen) as a pendant to and continuation of her previous "Memories of the Kaiser's Court." A lady in her position would not, of course, enjoy quite the same opportunities for character-study as the Princess Catherine Radziwil, who mixed in the highest Court society, and was the first to let the scerets out of the imperial bag with her "Société de Berlin." which caused such a stir on its first appearance in the early 'eighties. But still a humble governess can learn and understand much if she keeps her eyes and cars open, and Miss Topham is clearly pretty well gifted this way. It is, of course, a difficult thing human nature being what it is—for anyone to write charitably about friends and entertainers who are now our bitterest enemies; but it must be



IN THE NAME OF THE EMPEROR": THE RUSSIAN GENERAL GILINSKI DECORATING RUSSIAN SOLDIERS IN FRANCE.

The inscription over the shop-front indicates where the parade was held. Ceneral Gilinski, an officer of the Russian General Staff, has been for months the special Russian Army representative on the Western Front. He is seen in profile, wearing a Russian general's double-stripe down the side of his breeches.—[Photograph by Underwood and Underwood.]

owned that this lady memoirist is far from being spiteful or malicious, but records her impressions with singular fairness and accuracy, apart from such errors as her ascription of Scottish ancestry to General Mackensen, "the descendant of a certain Mackenzie who many years ago settled in West Prussia"—an exploded myth—and her belief that the "Paradeschritt," or prancing goose-step, "was invented by Frederick the Great" Perhaps Miss Topham is at her best when character-sketching the Kaiser. On the whole, her portrait is a flattering one, though she has also been careful not to leave out the warts and wrinkles. "One has to admit," she says, "that the Kaiser, though a good-looking man, is not quite so handsome as his portraits make him out to be. His nose is thick, his blue eyes rather hard and cold and shallow, excepting when they are creased in laughter, when they shine and sparkle like steel. . . The Emperor looks a fine figure in uniform, but the greatest shock of my life—one which disillusioned me in a moment, as it were—was a sight of him in ordinary civilian tourist clothes. His Majesty was almost unrecognisable. . . His clothes looked like a bad disguise. Many German gentlemen lose much in appearance when out of uniform, but none to the extent that the Emperor does, for he no longer has any shred of dignity, and, curiously enough, the charm of manner of which I have spoken is also bereft of its influence, merging into what seems an offensive and wearisome butloonery. William is strong prepossessions in favour of the Emperor; but alsa! the scales were fated to fall from her heroworshipping eyes. "Personally, though I found the Emperor to be extraordinarily jolly and agreeable, not in the least as stern and grave as I had expected, by slow degrees I became convinced that he did not even approximate to the great man I had hitherto believed him to be"—just as so many valets, according to Voltaire and Carlyle, have come to lament the lack of heroism in their masters. The Kaiser had too much "side." as she says



THE FREEDOM OF THE CITY OF LONDON FOR THE NEW ZEALAND PREMIER: AND THE LORD MAYOR INSPECTING THE GUARD OF HONOUR OF NEW ZEALANDERS.

The presentation to the Premier of New Zealand took place in the Library of the Guildhall on November 6 with the traditional ceremonial, before the Lord Mayor and Sheriffs, Aldermen and Common Councillors, and many distinguished guests.

The guard of honour paraded in front of the Guildhall.—[Photograph by L.N.A.]



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### THE CHRONICLE OF THE CAR.

The Future of British Fuel.

It is heartening to know that the matter of our supplies of motor-fuel, and particularly of the pressing problem of a source of supply that will render us more or less independent of overseas imports, is receiving a full measure of attention. The lesson of the war has been well taken

to petrol. Not that the supplies will be sufficiently large to enable us to do without petrol; but I think we may look forward to a production of benzol equal to 25 per cent. of our total fuel requirements, which is a long step in the

forward to a production of benzol equal to 25 per cent. of our total fuel requirements, which is a long step in the right direction.

Benzol and Alcohol.

That it is possible to produce at home all the motor-fuel required in the absence of petrol the Germans have shown us. I believe it is a fact that they are running the whole of their military motor transport on a mixture of 50 per cent. each of benzol and alcohol. Experiment in this country has demonstrated that such a mixture gives results equal to petrol in terms of power, speed, and mileage per gallon, without alteration in the design of motor or carburetter. Of course, we cannot, on account of the Excise restrictions on the manufacture of alcohol, produce it at a price which will make its use as a motor-fuel commercially possible. Whether these restrictions are likely to be modified after the war, may be open to doubt. We shall be looking for new sources of revenue rather than contemplating the remission of existing taxation. But the matter is one of urgency, since the motor-car has long passed the stage when it was regarded as the toy of the rich. It has become the transport of the country, and thus a national interest that will have to be taken on its merits. If the solution of the fuel problem is in duty-free alcohol, since it is a matter of vital necessity that we should be able to produce, at any rate, the major part of our total fuel requirements.

Shale Spirit. There is another source of supply

Shale Spirit. There is another source of supply to which a good deal of attention is being directed at the present time. This is contained in the shale deposits of the eastern and south-western counties. As is well known, the Scottish shales have in the past yielded a considerable amount of a somewhat heavy motor-spirit, and there does not appear to be any reason why the deposits

of Norfolk and the Isle of Purbeck should not prove of Norfolk and the Isle of Purbeck should not prove to be a valuable source of supply. There is talk already of developing the Norfolk deposits, and before the war there was a tentative scheme afoot for working the Kimmeridge shales of Dorset. I do not know precisely what amount of experiment has been carried out with a view to determining the proportion of the lighter hydrocarbons that can be produced from these shales. Probably it is not high; but, whatever it may be, some quantity should be available to assist in a solution of the main problem of producing our own motor-fuel. That is, if the schemes that are toward for the development of the shale deposits are pursued as we are assured, they will be.

Big Price for a Car.

One of the "Grand Prix" Vauxhall cars has just changed hands for the trifle of £2300! Evidently the war has not locked up all the spare cash in the country!—W. W.

The series of clever Dickens pictures which Mr. Frank Reynolds painted for Messrs. James Buchanan and Co., Ltd., 24, Holborn, E.C., has been very popular,



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and the company has forwarded to the Red Cross Society 100, the proceeds of the sale of their excellent Portfolio of the pictures.

BRINGERS-DOWN OF ZEPPELINS: TWO FAMOUS AIRMEN IN A VAUXHALL CAR. In the Vauxhall car in our photograph are to be seen Captain Robinson, V.C., at the wheel, who brought down the Zeppelin at Cuffley in September; and with him is Sec. Lieut. Sowrey, D.S.O., who, three weeks later, achieved a similar feat, when two Zeppelins were accounted for in one night.

Zeppelins were accounted for in one night. to heart in this respect we know, and one hears of all sorts of projects for post-war enterprise along the lines of a home-produced fuel. We have at hand two principal sources of supply that at least promise well, and both of which had been to a certain extent investigated before the war. The first of these is benzol. It will be remembered that this by-product of the coke-ovens and gas-works had made some amount of progress in motoring favour, when the war came and gave us all other matters to think of than the popularisation of a motor-fuel that needed a fair amount of propaganda to bring into appreciable use. Moreover, the whole available supply of benzol became needed in the manufacture of explosives, and automatically ceased to be available for motoring. This in itself will ultimately redound to the benefit of benzol as a motorfuel, inasmuch as its production has enormously increased; and the much larger supplies that will be available when the war is over should result in its becoming a real rival

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### CHESS.

To Correspondents.—Communications for this department should be addressed to the Chess Editor, Milford Lane, Strand, W.C.

EDITH VICKERS.—In problems such as yours, it has to be proved that Black's last move must have been of such a nature as permits the counterstroke, How do you prove this in your composition?

H J M (London) .- Thanks for further contribution, which we hope to find

R F TAYLOR (Middlesbrough).—A knowledge of the openings is essential to good pley, but is of little use without constant practice.

N McP (B.E.F., France).—You must try No. 3743 again, but we are always pleased to hear from the front.

### CHESS IN AMERICA.

Game played in the Championship Tourney of the New York State Chess Association, between Messrs. P D Crow and H E JENNINGS.

WHITE (Mr. C.) BLACK (Mr. J.) WHITE (Mr. C.)

L. P to K 4th

L. P to K 4th

L. Kt to K B 3rd Kt to Q B 3rd

B to Kt 5th

P to Q R 3rd

P to Q R 3rd

P to Q R 3rd

P to Q R 4th

Castles

D Q K t to Q 2

Castles

Almost forced, as the diagonal must be cleared for the Q B, and there is no other way. White's game however, goes to pieces from this point. Q to R and 27, B to Kt 374 R take R 29 to Kt 374 (checked) however, goes to pieces from this 29, Q to Q 44 h R takes Q 29, R to R 384 (checked) 29, R to R 384 (checked) 39, R to R 384 (checked)

(Ruy Lopes.) WHITE (Mr. C.) BLACK (Mr. J.) B takes Kt
16. P takes B Q to R 6th
17. Kt to Kt 3rd Kt to K R 4th
18. Kt takes Kt

If 18. B to K 3rd, Kt to B 5th, 19. B takes Kt, P takes B, with no better result for White.

White.

10. P to Q R 4th

White has not opened well, and has now a cramped position, which the text move in no way helps to remove. Q to K 2n1 is probably the best continuation.

Q to Q 2nd

11. R to K sq Q R to Q sq

12. R P takes P R P takes P 33. Q to R K to B sq K to B 5th (ch)

The King is provided to R 1 to B 5th (ch)

26. K to K 3rd

The King is now hopelessly enmeshed in a mating net. White
makes an ingenious, but futile, attempt to snatch a victory at the last
moment.

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1. R to Q B 4th
2. Mates accordingly.

1

WHITE

White to play, and mate in three move

CORRECT SOLUTION OF PROBLEM NO. 3739 received from C A M (Penang); of No. 3741 from Edith Vickers (Wood Dalling), Frederic Audap (Arcachon), Y Kontuniemi (F.nland), and Robert Carey McKean (Washington, U.S.A.); of No. 3741 from C Field (Athol, Mass.), Y Kontuniemi, F L Ames, E W Allam, John Isaacson (Liverpool), Frederic Audap, Edith Vickers, and Alfred Hill (Hamilton, U.S.A.); of No. 3743 from Douglas W Roper, E Bygott (Liverpool), Jacob Verrall (Rodmell), E P Stephenson (Llandudno), and A W Hamilton-Gell (Exeter).

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